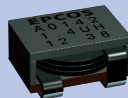
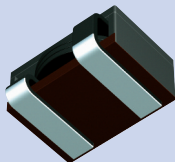


EPCOS Sample Kit 2013

ERU Chokes

ERU 13 Series – B82559A*A013

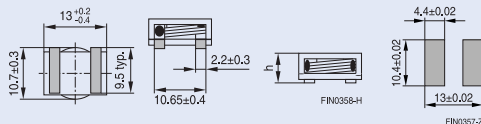


ERU Chokes – ERU 13

SMD

L (inductance) ±10%	μH	0.5	0.95	1.1	1.4
$I_{\text{sat, typ}}$	A	30	25	20	22
$\text{DCR}_{\text{max}} \pm 15\%$	mΩ	0.78	1.12	1.72	1.5
Height h_{max}	mm	4.95	5.95	4.95	6.00
Ordering code	B82559	A0501A013	A0951A013	A0112A013	A0142A013
L (inductance) ±10%	μH	2.15	2.4	3.0	3.9
$I_{\text{sat, typ}}$	A	15	16.5	13	12
$\text{DCR}_{\text{max}} \pm 15\%$	mΩ	3.2	2.76	4.0	4.8
Height h_{max}	mm	4.95	5.95	4.95	5.95
Ordering code	B82559	A0222A013	A0242A013	A0302A013	A0392A013

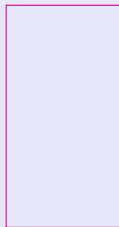
- All values measured at 20 °C ambient temperature
- $I_{\text{sat, typ}}$ is current that will result in 20% reduction of nominal inductance
- Temperature response needs to be verified in specific applications; test results on request
- Operating temperature: -40 to +130 °C
- Flat wire winding: extremely low-resistance coil
- Self-leaded construction features under body termination for smallest possible footprint
- Special values and sizes on request
- Blister tape packaging:



Mechanical dimensions and suggested pad layout (reference only)

Height of component	Reel
$h = 4.95 \text{ mm}$	750 pcs.
$h = 5.95/6.00 \text{ mm}$	500 pcs.

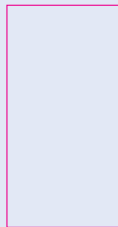
0.5 μH



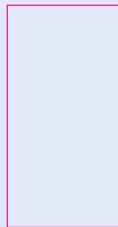
0.95 μH



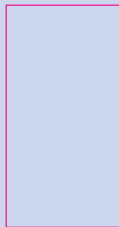
1.1 μH



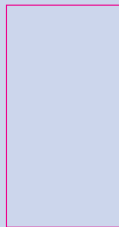
1.4 μH



2.15 μH



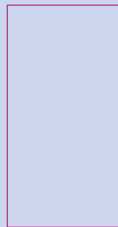
2.4 μH



3.0 μH



3.9 μH



Important information: It is incumbent on the customer to check and decide whether a product is suitable for use in a particular application. Our products are described in detail in our data sheets. Our *Important notes* and the product-specific *Cautions and warnings* must be observed. All relevant information is available through our sales offices.